<u>AMENDMENTS TO THE SPECIFICATION</u>

Please amend the paragraph beginning on page 12, line 7 as follows:

400-bp genomic DNA sequences franking the ORF (1500 bp) of the aminopeptidase gene SPC4F10.02 (Nature 415, 871-880 (2002)) from the 5'- and 3'-sides were prepared by PCR amplification using primers having the nucleotide sequences ACAAGCAGATCTCCCAGTCA <u>(SEQ ID NO: 1)</u> and AGCCAGTGGGATTTGTAGCTTTTTCCATGTAATTGCATTT <u>(SEQ ID NO: 2)</u> and the nucleotide sequences AAAAGTTTCGTCAATATCACTTTACCAAGTTTGTTTATGT <u>(SEQ ID NO: 3)</u> and GCTTTCGTTGAAAGACTTG <u>(SEQ ID NO: 4)</u>. Then, these DNA fragments were ligated with a 1.8-kbp fragment from the ura4 gene as the marker gene by PCR amplification using primers having the nucleotide sequences ACAAGCAGATCTCCCAGTCA <u>(SEQ ID NO: 1)</u> and GCTTTCGTTGAAAGACTTG <u>(SEQ ID NO: 4)</u> to give a gene disruptive vector having the ura4a gene instead of the ORF of the aminopeptidase gene in the genomic DNA sequence.

Please amend the paragraph beginning on page 13, line 19 as follows:

400-bp genomic DNA sequences franking the ORF (1647 bp) of the carboxypeptidase gene SPBC16G5.09 (Nature 415, 871-880 (2002)) from the 5'- and 3'-sides were prepared by PCR amplification using primers having the nucleotide sequences CGTATTAGCGATTGAACTG <u>(SEQ ID NO: 5)</u> and AGCCAGTGGGATTTGTAGCTGCTCTCACAATCAAATCGAC <u>(SEQ ID NO: 6)</u> and the nucleotide sequences AAAAGTTTCGTCAATATCACACTGTATATAAATCTTTTCT <u>(SEQ ID NO: 7)</u> and CAGGGAAGAACGTTCCAAGA <u>(SEQ ID NO: 8)</u>. Then, these DNA fragments were ligated with a 1.8-kbp fragment from the ura4 gene as the marker gene by PCR amplification using primers having the nucleotide sequences CGTATTAGCGATTGAACTG <u>(SEQ ID NO: 5)</u> and CAGGGAAGAACGTTCCAAGA <u>(SEQ ID NO: 8)</u> to give a gene

disruptive vector having the ura4 gene instead of the ORF of the aminopeptidase gene in the genomic DNA sequence.

Please amend the paragraph beginning on page 16, line 5 as follows:

Primers:

A; TTCATCTCGGACGTGTAG (SEQ ID NO: 9)

B; AGCCAGTGGGATTTGTAGCTTTAATTAAATGTGTATTTTA (SEQ ID NO: 10)

C; AAAAGTTTCGTCAATATCACATCCTTAAATAATTAGAAGA (SEQ ID NO: 11)

D; TCCACTTTCTGTTGTGGA (SEQ ID NO: 12)

Please amend the paragraph beginning on page 16, line 14 as follows:

Primers:

A; AATCTGCAATCGGACATCGC (SEQ ID NO: 13)

B; AGCCAGTGGGATTTGTAGCTTGTACGTAAGAAAAAAGCT (SEQ ID NO: 14)

C; AAAAGTTTCGTCAATATCACCTTATTTATTTTCTTGGCTA (SEQ ID NO: 15)

D; CAACATGAGACTTCAACCGA (SEQ ID NO: 16)

Please amend the paragraph beginning on page 16, line 23 as follows:

Primers:

A; GGCCCATTAGCTATATGAGAC (SEQ ID NO: 17)

B; AGCCAGTGGGATTTGTAGCTAATAGAAAAGTTACGTTATT (SEQ ID NO: 18)

C; AAAAGTTTCGTCAATATCACTCATGCCACTGGAATAAGTG (SEQ ID NO: 19)

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D; TACCCACCAACTTATAAGCC (SEQ ID NO: 20)

Please amend the paragraph beginning on page 17, line 5 as follows:

Primers:

A; GACTATGTTGGTGGAGTGCAA (SEQ ID NO: 21)

B; AGCCAGTGGGATTTGTAGCTTCCAAGAAAGATCAATAATT (SEQ ID NO: 22)

C; AAAAGTTTCGTCAATATCACGAGTTAGAAAGAGCAGTCTT (SEQ ID NO: 23)

D ; TAGGCAATAGTGAGACCTGA (SEQ ID NO: 24)

Please amend the paragraph beginning on page 17, line 14 as follows:

Primers:

A; TCAGGTGTCATCACTCAC (SEQ ID NO: 25)

B; AGCCAGTGGGATTTGTAGCTTGTCGTAGTTTTAGAAATTA (SEQ ID NO: 26)

C; AAAAGTTTCGTCAATATCACGCTCCTTTTTGGATTTGCT (SEQ ID NO: 27)

D; CCCTTCTAAACATACTACACGTTC (SEQ ID NO: 28)

Please amend the paragraph beginning on page 17, line 23 as follows:

Primers:

A; TCTGGAAAATTGCTCGTTAG (SEQ ID NO: 29)

B; AGCCAGTGGGATTTGTAGCTTTTTTATTTATGAAAGGAAA (SEQ ID NO: 30)

C; AAAAGTTTCGTCAATATCACTTTTTTTTCCCTAATCCGAT (SEQ ID NO: 31)

D; TGCAAGACTCCAATGCTC (SEQ ID NO: 32)

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Please amend the paragraph beginning on page 18, line 5 as follows:

Primers:

A; TCCACCCTTTGTCCATGA (SEQ ID NO: 33)

B; AGCCAGTGGGATTTGTAGCTTGGATTCTTTACTACTTATA (SEQ ID NO: 34)

C; AAAAGTTTCGTCAATATCACGTGAATTTGGTAATTAGCAA (SEQ ID NO: 35)

D; CTGGCTGTTCTTAGTCAG (SEQ ID NO: 36)

Please amend the paragraph beginning on page 18, line 14 as follows:

Primers:

A; ACGATTTTCCACTTGTCCA (SEQ ID NO: 37)

B; AGCCAGTGGGATTTGTAGCTGCCAAGACTGTTAGAGTCAT (SEQ ID NO: 38)

C; AAAAGTTTCGTCAATATCACAAATTTTGCAATACAAAAAG (SEQ ID NO: 39)

D; TCAGGATATCGCTGTCACT (SEQ ID NO: 40)

Please amend the paragraph beginning on page 18, line 23 as follows:

Primers:

A; GGGTACTCTCAAGAAGGATGT (SEQ ID NO: 41)

B; AGCCAGTGGGATTTGTAGCTACGCCTTTTCGTTCTTTTG (SEQ ID NO: 42)

C; AAAAGTTTCGTCAATATCACAGTATATCATATATTCTTTT (SEQ ID NO: 43)

D; ATCCTTGGGTACGCGTAA (SEQ ID NO: 44)

Please amend the paragraph beginning on page 19, line 5 as follows:

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Primers:

A; GTTGTTGATGCAACGGCTAA (SEQ ID NO: 45)

B; AGCCAGTGGGATTTGTAGCTAAATAGAGTTCAACTATCGA (SEQ ID NO: 46)

C; AAAAGTTTCGTCAATATCACGTTTCATGAGTGAATGAAAT (SEQ ID NO: 47)

D; TATGCTCATACGTTCCCT (SEQ ID NO: 48)

Please amend the paragraph beginning on page 19, line 14 as follows:

Primers:

A; GTTTTGTTGAGATGTCTTGG (SEQ ID NO: 49)

B; AGCCAGTGGGATTTGTAGCTCCAAAAAAATATATTCTTTG (SEQ ID NO: 50)

C; AAAAGTTTCGTCAATATCACATTAATTTTAATAATACAAC (SEQ ID NO: 51)

D; GAATCTCGTATTCCGGCATT (SEQ ID NO: 52)

Please amend the paragraph beginning on page 19, line 23 as follows:

Primers:

A; CGCTGTGCTAATCAACTG (SEQ ID NO: 53)

B; AGCCAGTGGGATTTGTAGCTTTTCAACTATTATCAGCTTC (SEQ ID NO: 54)

C; AAAAGTTTCGTCAATATCACTATCATAAGGATCGTTGACT (SEQ ID NO: 55)

D; ACACAATGTGGATACGAACT (SEQ ID NO: 56)

Please amend the paragraph beginning on page 20, line 5 as follows:

Primers:

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A; GTTGCTTGATATCCGACTCA (SEQ ID NO: 57)

B; AGCCAGTGGGATTTGTAGCTTGTTTAAGATTGTTAAATCC (SEQ ID NO: 58)

C; AAAAGTTTCGTCAATATCACAAAATTTTTTTGTGCTGG (SEQ ID NO: 59)

D; CCGTTCATCGAATAGCTCAA (SEQ ID NO: 60)

Please amend the paragraph beginning on page 20, line 14 as follows:

Primers:

A; TCCAAATACCAGCATACGCA (SEQ ID NO: 61)

B; AGCCAGTGGGATTTGTAGCTATAAATACTTTGTCTTAAGG (SEQ ID NO: 62)

C; AAAAGTTTCGTCAATATCACATTTGATATACCCAACATG (SEQ ID NO: 63)

D; GCGCCAAACGAAAGAGTGA (SEQ ID NO: 64)

Please amend the paragraph beginning on page 20, line 23 as follows:

Primers:

A; TCCATAGCATGATTAGGCAA (SEQ ID NO: 65)

B; AGCCAGTGGGATTTGTAGCTTTGAGCTCAATTTTTTTAAT (SEQ ID NO: 66)

C; AAAAGTTTCGTCAATATCACTTTTACTATTAGCTTAATTA (SEQ ID NO: 67)

D; TTCAACAGTCATTGCGATTG (SEQ ID NO: 68)

Please amend the paragraph beginning on page 21, line 5 as follows:

Primers:

A; AGCAACCGACTTTGCACT (SEQ ID NO: 69)

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B; AGCCAGTGGGATTTGTAGCTACGCATTTTCTTGGGACTTT (SEQ ID NO: 70)

C; AAAAGTTTCGTCAATATCACGCATAATCAATTCAAGCTCC (SEQ ID NO: 71)

D; CGGTCATTCGTTTCCTTC (SEQ ID NO: 72)

Page 25 (Abstract), after the last line, beginning on a new page, please insert the attached Sequence Listing.